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# INIS ATOMINDEX

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# ИНИС АТОМИНДЕКС CUMULATIVE INDEX

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VOLUME 9

January - June 1978

Part: 3

Subject Index



INTERNATIONAL ATOMIC ENERGY AGENCY, VIENNA, 1978



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# INIS ATOMINDEX

AN INTERNATIONAL ABSTRACTING SERVICE

# ИНИС АТОМИНДЕКС

CUMULATIVE INDEX

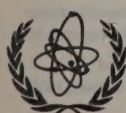
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- Part 1: Personal Author Index;
- Part 2: Corporate Entry Index,  
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- Part 3: Subject Index.



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RN 358626–RN 361241	Vol.9, No. 5
RN 361242–RN 363745	Vol.9, No. 6
RN 363746–RN 366237	Vol.9, No. 7
RN 366238–RN 368508	Vol.9, No. 8
RN 368509–RN 371334	Vol.9, No. 9
RN 371335–RN 374546	Vol.9, No.10
RN 374547–RN 376882	Vol.9, No.11
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Examples:

##### **Berg, B.**

Additional conservation laws in the Thirring model. 264528

Particle number conservation in the massive Thirring model. 264527

##### **Berg, C.J.M. van den**

Coded aperture imaging and the introduction of the modulated zone plate in nuclear medicine. (CEA–CR–6) 251473

A refocussing filter based on Fridman's theorem, applied to TI–201 myocardial scintigrams. (CEA–CR–6) 251497

##### **Van De Woestijne, K.P.**

Horizontal gradient in ventilation distribution due to a localized chest wall abnormality. 255646

##### **Van den Berg, J.A.**

Equilibrium studies of the uranyl oxalate system in acidic aqueous solution. 270151

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##### **Aerojet Energy Conversion Co., Sacramento, Calif. (USA)**

Fluid bed dryer and Aeropep solidification system. 229118

Fluid bed dryer and Aeropep solidification system. Amendment 1 to topical report. 220568

##### **INSA, 69 – Villeurbanne (France)**

See Institut National des Sciences Appliquees (INSA), 69 – Villeurbanne (France)

##### **Institut National des Sciences Appliquees (INSA), 69 – Villeurbanne (France)**

Course on heat transfer. 228702, 230962, 233713

Creep and relaxation in steels. 245790, 245797, 245799, 245812

Current methods for studying gas–surface interactions. 229712, 231577, 234497, 234562, 238367

Industrial applications of electron beam bombardment. 225876, 227736, 227751

Non-destructive testing using special techniques. Degree III: engineers. 229087, 229088

Non-destructive testing: magnetoscopy, liquid penetrant inspection, eddy current testing. Degree III: engineers. 229086

Non-destructive testing: ultrasonic waves. Degree III: engineers. 229089

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Examples:

**76 Mar 1. Toulouse, France.** International colloquium on solar electricity. 293922.

**76 Mar 2. Golden, Colorado, USA.** Interagency Mechanical Operations Group meeting. 283257, 284029.

**76 Mar 9. Dublin, Ireland.** International conference on physics in industry. 297370, 297379, 297384, 297541, 298153, 298173, 298178, 298182, 298205, 298744, 299136, 299319, 299353, 299364, 299477, 299831, 299921, 299944, 300058.

**Glasgow, UK. 76 Apr 7.** Annual Chemical Congress. 287782.

**Goettingen, Germany, F.R. 75 May 26. 4.** German symposium on nuclear law. 290006, 290325, 290329, 290341, 290346, 290349, 290350, 291073, 291075, 291076, 291077, 291078, 291079, 291080, 291081, 291082, 291083, 291084, 291085, 291086, 291087, 291088, 291089, 291090, 291091, 291093, 291094.

**Golden, Colorado, USA. 76 Mar 2.** Interagency Mechanical Operations Group meeting. 283257, 284029.

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CEA-CONF–3695 313867 Copies available from Service de Documentation, CEN Saclay, BP No2, 91190 Gif-sur-Yvette (France).

##### **D**

D-456228

See N–76-22136

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Examples:

### ALVEOLI (PULMONARY):

See **LUNGS**

### AMERICIUM:

electric conductivity  
The electrical resistivity of  $^{241}\text{Am}$  metal. (B22). 354557

### AMERICIUM COMPOUNDS:

ion exchange chromatography  
Separation of Am, Cm and rare-earths on the colloidal fraction of an anion-exchange resin deposited on an inert carrier. (B13). 354400

Separation of Am, Cm and rare-earths by continuous two-dimensional ion-exchange chromatography. (B13). 354405

### AMERICIUM ISOTOPES:

See also **AMERICIUM 241**

### AMERICIUM 241:

clearance  
Decorporation of  $^{241}\text{Am}$  and  $^{252}\text{Cf}$  by Ca-DTPA from rat, Syrian and Chinese hamster. (C21). 354868

electric conductivity  
The electrical resistivity of  $^{241}\text{Am}$  metal. (B22). 354557

internal irradiation  
The dosimetry of  $^{241}\text{Pu}$  reconsidered. (C55). 355044

### AMIDES:

See also **ACRYLAMIDE**

### AMINES:

See also **ANILINE; HYDROXYLAMINE; TRYPTAMINES**

liquid column chromatography  
Use of high performance liquid chromatography to separate very small quantities of radio-labelled metabolites from biological tissue. (C42; Acaricides; amitraz). 354909

### AMINO ACIDS:

See also **CYSTEINE; DTPA; FOLIC ACID; KYNURENINE; THYROXINE;**

**TRYPTOPHAN**

### AMINO BENZENE:

See **ANILINE**

### AMMONIA:

electron-molecule collisions  
Differential cross sections for 35keV electrons elastically scattered from  $\text{NH}_3$ . (A12). 353297

### AMMONIUM COMPOUNDS:

neutron diffraction  
Studying the rotation of the  $\text{NH}_4$  ion in ammonium chloride by means of high-resolution neutron spectroscopy. (A13; B12). 353495

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## specifications

Method, equipment and main results of the measurement of the Venusian rock density on 'Venera-10'. (D22, A15). 373965

## DENSITY:

(For specific weight only; see also descriptors such as CARRIER DENSITY, CURRENT DENSITY, and FLUX DENSITY.)

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## neutrons

Depolarization anisotropy of neutrons in PdFe diluted alloys near the phase transition. (A13). 350732

## nuclei

Theory of vacancy mechanism of recoil nuclei depolarization. (A13). 361437

## DEPOSITION:

(For deposition of elements and nuclides in living organisms use RETENTION.)

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**HOMOZYGOTES:**

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**HOPE CREEK-1 REACTOR:**

(Prior to November 1973 known as Newbold Island-1 Reactor, and older material is so indexed.)

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Design data and safety features of commercial nuclear power plants including cumulative index for Volumes I-VI. (C52, E31, E32).

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**HOPE CREEK-2 REACTOR:**

(Prior to November 1973 known as Newbold Island-2 Reactor, and older material is so indexed.)

**reactor safety**

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378544

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Reaction studies of hot silicon and germanium radicals. Progress report, September 1, 1976 - August 31, 1977. (B13).

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**sulfur 38**

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(Shielded chambers for remote handling of radioactive materials.)

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- Potassium influx and efflux of 2,4-D and MCPA-treated rice plants. (C41). 354906

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## biological radiation effects

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- Study of the biochemical effects of ionizing and nonionizing radiation on plant metabolism during development. Progress report, September 1, 1976 - November 30, 1977. (C13). 373507

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## quantitative chemical analysis

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## radiation monitoring

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## radionuclide kinetics

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## USA:

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**Council for Mutual Economic Assistance (CMEA)**

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**Food and Agriculture Organization (FAO)**

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**International Commission on  
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**International Organization  
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ISO Central Secretariat  
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**World Energy Conference (WEC)**

World Energy Conference  
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